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- Enter your search terms in lower case with a space between the terms.

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You can also enter a full question or concept in plain language.

`Where are the sales offices?`

- Capitalize proper nouns to search for specific people, places, or products.

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- Enclose a phrase in double quotes to search for that exact phrase.

`"museum of natural history" "museum of modern art"`

- Narrow your searches by using a **+** if a search term must appear on a page.

`museum +art`

- Exclude pages by using a **-** if a search term must not appear on a page.

`museum -Paris`

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

`museum +"natural history" dinosaur -Chicago`

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Terms used **building** **multi modal** **multi channel** **applications**

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**1** Full Technical Papers: Multimodal event parsing for intelligent user interfaces

Will Fitzgerald, R. James Firby, Michael Hannemann

January 2003 **Proceedings of the 8th international conference on Intelligent user interfaces**Full text available: [pdf\(637.30 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Many intelligent interfaces must recognize patterns of user activity that cross a variety of different input channels. These multimodal interfaces offer significant challenges to both the designer and the software engineer. The designer needs a method of expressing interaction patterns that has the power to capture real use cases and a clear semantics. The software engineer needs a processing model that can identify the described interaction patterns efficiently while maintaining meaningful inte ...

**Keywords:** CERA, event recognition, multi-modal parsing

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 +((visual +or +graphical) +implementation +workflow) +and 

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visual or graphical implementation workflow and integrated development environment and XML **117,406**

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### 1 Model-driven development of Web applications: the AutoWeb system

Piero Fraternali, Paolo Paolini

October 2000 **ACM Transactions on Information Systems (TOIS)**, Volume 18 Issue 4Full text available: [pdf\(6.94 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper describes a methodology for the development of WWW applications and a tool environment specifically tailored for the methodology. The methodology and the development environment are based upon models and techniques already used in the hypermedia, information systems, and software engineering fields, adapted and blended in an original mix. The foundation of the proposal is the conceptual design of WWW applications, using HDM-lite, a notation for the specification of structure, nav ...

**Keywords:** HTML, WWW, application, development, intranet, modeling

### 2 Extending document management systems with user-specific active properties

Paul Dourish, W. Keith Edwards, Anthony LaMarca, John Lampert, Karin Petersen, Michael Salisbury, Douglas B. Terry, James Thornton

April 2000 **ACM Transactions on Information Systems (TOIS)**, Volume 18 Issue 2Full text available: [pdf\(100.43 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Document properties are a compelling infrastructure on which to develop document management applications. A property-based approach avoids many of the problems of traditional hierarchical storage mechanisms, reflects document organizations meaningful to user tasks, provides a means to integrate the perspectives of multiple individuals and groups, and does this all within a uniform interaction framework. Document properties can reflect not only categorizations of documents and document use ...

**Keywords:** active properties, component software, document management systems, document services, user experience

### 3 Authoring Support: Designing annotation before it's needed

Frank Nack, Wolfgang Putz

October 2001 **Proceedings of the ninth ACM international conference on Multimedia**Full text available: [pdf\(1.16 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper considers the automated and semi-automated annotation of audiovisual media in a new type of production framework, A4SM (Authoring System for Syntactic, Semantic and Semiotic Modelling). We present the architecture of the framework and outline the underlying

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Result page: 1 2 [next](#)Relevance scale **1 Model-driven development of Web applications: the AutoWeb system**

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**Keywords:** HTML, WWW, application, development, intranet, modeling

**2 The state of the art in distributed query processing**

Donald Kossmann

December 2000 **ACM Computing Surveys (CSUR)**, Volume 32 Issue 4Full text available:  [pdf\(455.39 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Distributed data processing is becoming a reality. Businesses want to do it for many reasons, and they often must do it in order to stay competitive. While much of the infrastructure for distributed data processing is already there (e.g., modern network technology), a number of issues make distributed data processing still a complex undertaking: (1) distributed systems can become very large, involving thousands of heterogeneous sites including PCs and mainframe server machines; (2) the stat ...

**Keywords:** caching, client-server databases, database application systems, dissemination-based information systems, economic models for query processing, middleware, multitier architectures, query execution, query optimization, replication, wrappers

**3 Abstraction-based intrusion detection in distributed environments**

Peng Ning, Sushil Jajodia, Xiaoyang Sean Wang

November 2001 **ACM Transactions on Information and System Security (TISSEC)**, Volume 4 Issue 4Full text available:  [pdf\(590.61 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)


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Relevance scale


**1** An optimal distributed depth-first-search algorithm

M. B. Sharma, N. K. Mandyam, S. S. Iyangar

February 1989 **Proceedings of the seventeenth annual ACM conference on Computer science : Computing trends in the 1990's: Computing trends in the 1990's**Full text available: [pdf \(369.70 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper presents a new distributed depth-first-search algorithm with communication and time complexities of  $O(|V|)$ . The algorithm is shown to use  $2|V|-2$  messages and  $2|V|-2$  units of time and is shown to be optimal in time and message.

**2** Scheduling algorithms for precedence graphs


Sridhar Mandyam, Mansur Samadzadeh

March 1992 **Proceedings of the 1992 ACM/SIGAPP symposium on Applied computing: technological challenges of the 1990's**Additional Information: [full citation](#), [index terms](#)

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